

What is Claimed:

1. A system for generating a contract between at least one seller and at least one buyer,
comprising

a computer for:

storing at least one compilation of business rules comprising a plurality of rules
available to be selected for inclusion in the contract,

storing at least one terms and conditions set containing parameters corresponding
to selected rules from the compilation of business rules,

generating links between the compilation of business rules and the terms and
conditions set to generate specific terms and conditions to be embodied in the
contract, and

interlocking the compilation of business rules, the terms and conditions set and the
links to lock the contract.

2. The system as defined in claim 1 in which the computer further stores at least one product
list filter for generating a list of a specified subset of products from a master list of products, and
generates links between the product list filter, the terms and conditions set and the master list of
products.

1 3. The system as defined in claim 2 in which the product list filter comprises a plurality of
2 tiers, each tier generating a list of a different subset of products.

1 4. The system as defined in claim 2 in which the contract comprises dynamic elements which
2 can be unilaterally altered by either the seller or the buyer.

5. The system as defined in claim 4 in which the product list filter is a dynamic element.

6. The system as defined in claim 1 in which the contract is locked by the implementation of digital signatures.

1 7. A method of generating a contract between at least one seller and at least one buyer,
2 comprising the steps of:

3 a. storing at least one compilation of business rules comprising a plurality of rules
4 available to be selected for inclusion in the contract,

5 b. storing at least one terms and conditions set containing parameters corresponding
6 to selected rules from the compilation of business rules,

- 7 c. generating links between the compilation of business rules and the terms and
8 conditions set to generate specific terms and conditions to be embodied in the
9 contract, and
10 d. interlocking the compilation of business rules, the terms and conditions set and
11 the links to lock the contract.

1 8. The method as defined in claim 7 including the additional steps of:

- 2 a. storing at least one product list filter for generating a list of a specified subset of
3 products from a master list of products, and
4 b. generating links between the product list filter, the terms and conditions set and
5 the master list of products.

6 9. The method as defined in claim 8 in which the product list filter comprises a plurality of
7 tiers, each tier generating a list of a different subset of products.

8 10. The method as defined in claim 8 in which the contract comprises dynamic elements
9 which can be unilaterally altered by either the seller or the buyer.

1 11. The method as defined in claim 10 in which the product list filter is a dynamic element.

1 12. The method as defined in claim 7 in which the contract is locked by the implementation
2 of digital signatures.

1 13. The method as defined in claim 7 including, between steps c. and d., the step of:
2 communicating the contract to the seller or to the buyer for amendment or approval.

1 14. A system for conducting a contractual activity over a computer network pursuant to a
2 contract between at least one seller and at least one buyer, the contract comprising a predefined
3 set of terms and conditions, comprising:

4 a communications interface for receiving information from one of the seller and the buyer,
5 and

6 a computer for storing the contract terms and conditions, receiving the information and
7 referencing the terms and conditions of the contract to process the information.

1 15. The system as defined in claim 14 in which the communications interface displays
2 selected information based on terms and conditions in the contract.

1 16. The system as defined in claim 15 in which the contract contains representation criteria
2 comprising product selection criteria or products exclusion criteria, or both, and the
3 communications interface displays a filtered products list comprising a subset of products from
4 a master product list.

1 17. A method of conducting a contractual activity over a computer network pursuant to a
2 contract between at least one seller and at least one buyer, the contract comprising a predefined
3 set of terms and conditions, comprising the steps of:
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- a. storing the contract terms and conditions,
- b. receiving information from one of the seller and the buyer via a communications interface, and
- c. referencing the terms and conditions of the contract to process the information.

1 18. The method as defined in claim 17 in which the communications interface displays
2 selected information based on terms and conditions in the contract.

1 19. The method as defined in claim 18 including the step of providing the contract with
2 representation criteria comprising product selection criteria or products exclusion criteria, or both,
3 wherein the communications interface displays a filtered products list comprising a subset of
4 products from a master product list.

1 20. A computer program product for use with a computer, the computer program product
2 comprising a computer usable medium having computer readable program code embodied in said
3 medium for generating a contract between at least one seller and at least one buyer, said computer
4 program product having

- 5 a. computer readable program code means for storing at least one compilation of
6 business rules comprising a plurality of rules available to be selected for inclusion
7 in the contract,
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9 b. computer readable program code for storing at least one terms and conditions set
10 containing parameters corresponding to selected rules from the compilation of
11 business rules,
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13 c. computer readable program code for generating links between the compilation of
14 business rules and the terms and conditions set to generate specific terms and
15 conditions to be embodied in the contract, and
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17 d. computer readable program code for interlocking the compilation of business
18 rules, the terms and conditions set and the links to lock the contract.

1 21. The computer program product as defined in claim 20 including program code embodied
2 in said medium for:

- 3 a. storing at least one product list filter for generating a list of a specified subset of
4 products from a master list of products, and
5 b. generating links between the product list filter, the terms and conditions set and
6 the master list of products.

1 22. The computer program product as defined in claim 21 in which the product list filter
2 comprises a plurality of tiers, each tier generating a list of a different subset of products.

23. The computer program product as defined in claim 21 in which the contract comprises
dynamic elements which can be unilaterally altered by either the seller or the buyer.

24. The computer program product as defined in claim 23 in which the product list filter is
a dynamic element.

1 25. The computer program product as defined in claim 24 in which the contract is locked by
2 the implementation of digital signatures.

1 26. The computer program product as defined in claim 24 including program code embodied
2 in said medium for communicating the contract to the seller or to the buyer for amendment or approval.

1 27. A computer program product for use with a computer, the computer program product
2 comprising a computer usable medium having computer readable program code embodied in said
3 medium for conducting a contractual activity over a computer network pursuant to a contract
4 between at least one seller and at least one buyer, the contract comprising a predefined set of
5 terms and conditions, said computer program product having

- a. computer readable program code for storing the contract terms and conditions,
- b. computer readable program code for receiving information from one of the seller
and the buyer via a communications interface, and
- c. computer readable program code for referencing the terms and conditions of the
contract to process the information.

1 28. The computer program product as defined in claim 27 in which the communications
2 interface displays selected information based on terms and conditions in the contract.

1 29. The computer program product as defined in claim 28 including the step of providing the
2 contract with representation criteria comprising product selection criteria or products exclusion

criteria, or both, wherein the communications interface displays a filtered products list comprising a subset of products from a master product list.

30. A system for generating a contract between at least one seller and at least one buyer, comprising:

at least one compilation of business rules comprising a plurality of rules available to be selected for inclusion in the contract,

at least one terms and conditions set containing parameters corresponding to selected rules from the compilation of business rules,

means for generating links between the compilation of business rules and the terms and conditions set to generate specific terms and conditions to be embodied in the contract, and

means for interlocking the compilation of business rules, the terms and conditions set and the links to lock the contract.

31. The system as defined in claim 30 comprising means for storing at least one product list filter for generating a list of a specified subset of products from a master list of products, and means for generating links between the product list filter, the terms and conditions set and the master list of products.

1 32. The system as defined in claim 31 in which the product list filter comprises a plurality of
2 tiers, each tier generating a list of a different subset of products.

1 33. The system as defined in claim 31 in which the contract comprises dynamic elements
2 which can be unilaterally altered by either the seller or the buyer.

34. The system as defined in claim 33 in which the product list filter is a dynamic element.

35. The system as defined in claim 30 in which the contract is locked by the implementation
of digital signatures.

36. A processing system for conducting a contractual activity over a computer network
2 pursuant to a contract between at least one seller and at least one buyer, the contract comprising
3 a predefined set of terms and conditions, comprising:

4 a communications interface for receiving information from one of the seller and the buyer,
5 means for storing the contract terms and conditions, and

6 means for referencing the terms and conditions of the contract to process the information.

1 37. The system as defined in claim 36 in which the communications interface displays
2 selected information based on terms and conditions in the contract.

1 38. The system as defined in claim 37 in which the contract contains representation criteria
2 comprising product selection criteria or products exclusion criteria, or both, and the
3 communications interface displays a filtered products list comprising a subset of products from
4 a master product list.

5 39. A program product for use with a computer, having computer readable program code for
6 generating a contract between at least one seller and at least one buyer, the program product
7 comprising:

- 8 a. computer readable program code for storing at least one compilation of business
9 rules comprising a plurality of rules available to be selected for inclusion in the
contract,
b. computer readable program code for storing at least one terms and conditions set
containing parameters corresponding to selected rules from the compilation of
business rules,

- 10 c. computer readable program code for generating links between the compilation of
11 business rules and the terms and conditions set to generate specific terms and
12 conditions to be embodied in the contract, and
- 13 d. computer readable program code for interlocking the compilation of business
14 rules, the terms and conditions set and the links to lock the contract.

- 1 40. The program product as defined in claim 39 including:
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- a. computer readable program code for storing at least one product list filter for
generating a list of a specified subset of products from a master list of products,
and
- b. computer readable program code for generating links between the product list
filter, the terms and conditions set and the master list of products.

- 1 41. The program product as defined in claim 40 in which the product list filter comprises a
2 plurality of tiers, each tier generating a list of a different subset of products.

- 1 42. The program product as defined in claim 40 in which the contract comprises dynamic
2 elements which can be unilaterally altered by either the seller or the buyer.

1 43. The program product as defined in claim 42 in which the product list filter is a dynamic
2 element.

1 44. The program product as defined in claim 43 in which the contract is locked by the
2 implementation of digital signatures.

1 45. The program product as defined in claim 43 including computer readable program code
for communicating the contract to the seller or to the buyer for amendment or approval.

4 46. A program product for use with a computer, having computer readable program code for
conducting a contractual activity over a computer network pursuant to a contract between at least
one seller and at least one buyer, the contract comprising a predefined set of terms and conditions,
the program product comprising:

- 5 a. computer readable program code for storing the contract terms and conditions,
- 6 b. computer readable program code for receiving information from one of the seller
7 and the buyer via a communications interface, and
- 8 c. computer readable program code for referencing the terms and conditions of the
9 contract to process the information.

47. The program product as defined in claim 46 in which the communications interface displays selected information based on terms and conditions in the contract.

48. The program product as defined in claim 47 including the step of providing the contract with representation criteria comprising product selection criteria or products exclusion criteria, or both, wherein the communications interface displays a filtered products list comprising a subset of products from a master product list.